

Belmont Cheveley Park Primary School



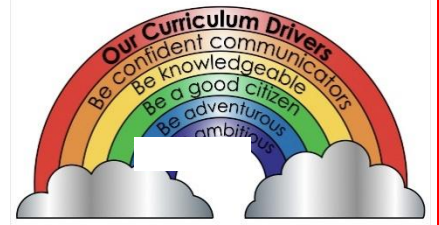
Computing Passport



Year 1



Computing Passport



Autumn 1 & 2

Computing:

Basic skills & logging on

- How do you log on to the computer?
- How do you log on to Purple Mash?

Online safety and behaviour:

Health, well-being and lifestyle

Privacy & security

Self-image & identity

- Tell me some rules which help to keep you safe on the internet.
- Why do we need passwords?
- What do we mean by personal information? (address, where you go to school etc.)
- What should you do if something happens online which makes you sad, worried and uncomfortable?
- Who could you talk to if something made you feel sad, worried or uncomfortable?

Spring 1

Computing: Beebots

- What is a Beebot?
- What can a Beebot do?

Online safety and behaviour:

Online relationships

Online reputations

- How should we treat other people we talk to online?
- Who could you ask if you are unsure about whether it is safe to share something online?



Year 1



Computing Passport



Spring 2

Computing: Pictograms

- What is a pictogram?
- How do you make a pictogram on Purple Mash?

Online safety and behaviour: Online bullying

- What sort of behaviour can upset other people online?

Summer 1

Computing: Lego builders

- What is coding?
- How can you make characters move?

Online safety and behaviour: Managing online information

- How can you find something out on the internet?
- Is everything we see on the internet real?

Summer 2

Computing: Animated story books

- Can you add sound, pictures and text to your work on Purple Mash? (Using 2Create a Story on PM)
- How do you save your work on Purple Mash?

Online safety and behaviour: Copyright and ownership

- Who owns the work you make when using the computer / iPad etc?





Year 2

Computing Passport



Autumn 1

Online safety and behaviour: Online relationships & reputations

- How would someone feel if you shared something about them online without their permission?
- Why should you ask a trusted adult before clicking 'yes' 'accept' or 'agree' online?
- Who can see what you put online?

Autumn 2

Computing: Making music

- How do you combine sounds (on 2Sequence) to make a composition?
- Can you change the speed of your composition?

Online safety and behaviour: Online bullying

- Other than talking to a trusted adult, how could you get help if you thought you were being bullied online?
- Why do some people not ask for help when they have been bullied online?

Spring 1

Computing: Effective searching

- How can you use an image you want off the internet in your own work?
- Which words would you type in to a browser if you wanted to find out information about...?

Online safety and behaviour:

Managing online information

Copyright & ownership

- Explain why some information you find online may not be real or true.
- Who owns the work you see on the internet?



Year 2



Computing Passport



Spring 2

Computing: Creating pictures

- How do you find your saved work on Purple Mash?
- What tools can you use to create your own art work on Purple Mash?

Online safety and behaviour: Health, well-being & lifestyle

- How would you feel if you spent a long time on your devices?

Summer 1

Computing: Presenting ideas

- Tell me about a fact-file you've made on Purple Mash?
- What did you include in your fact-file?

Online safety and behaviour: Self-image & identity

- What could make someone feel sad, worried, uncomfortable or frightened online?

Summer 2

Computing: Coding

- What is an algorithm?
- What is debugging?

Online safety and behaviour: Privacy & security

- What devices do you have in the house which connect to the internet?





Year 3

Computing Passport



Autumn 1

Computing: Presenting with PowerPoint

- How do you add a transition between slides?
- What can you add to your presentation to make it more engaging?

Online safety and behaviour: Copyright & ownership

- Why should you not copy someone else's work from the internet?

Autumn 2

Computing: Graphing

- How do you enter data to make a graph?
- How do you change the type of graph that you make?

Online safety and behaviour:

Self-image & identity

Online reputations

- What do we mean by identity?
- What different types of identities could you have online?

Spring 1

Computing: Branching databases

- What is data?
- What is a branching database?

Online safety and behaviour: Health, well-being & lifestyle

- Why do some online activities have age restrictions?
- What should you do if someone pressures you to do something online which makes you feel uncomfortable?



Year 3



Computing Passport



Spring 2

Online safety and behaviour:

Online relationships

Online bullying

- Is knowing someone online the same as knowing someone in real life? Explain why.
- How can someone's feeling become hurt by what is said or written online?
- What can bullying online look like?

Summer 1

Computing: Coding

- Why is it useful to design your algorithm before you begin?
- What does repeat mean in computer programming?
- What is the difference between 'timer after' and 'timer every'?

Online safety and behaviour: Managing online information

- What is the difference between a 'belief' and 'opinion' and a 'fact'?
- What should you do if you don't agree with someone's opinion online?

Summer 2

Computing: Spreadsheets

- On a spreadsheet, what are rows, columns and cells?
- Which tool would you use to add up numbers in a spreadsheet?

Online safety and behaviour: Privacy & security

- How can you make a unique password?



Year 4

Computing Passport



Autumn 1 & 2

Computing: Coding with Microbits

- What is the difference between hardware and software?
- Can you give examples?
- Can you give examples of inputs and outputs of the Microbit?

Online safety and behaviour:

Online relationships

Online bullying

Self-image & identity

- How can you tell if someone is hurt, angry or upset online?
- Why might someone pretend to be someone else online?

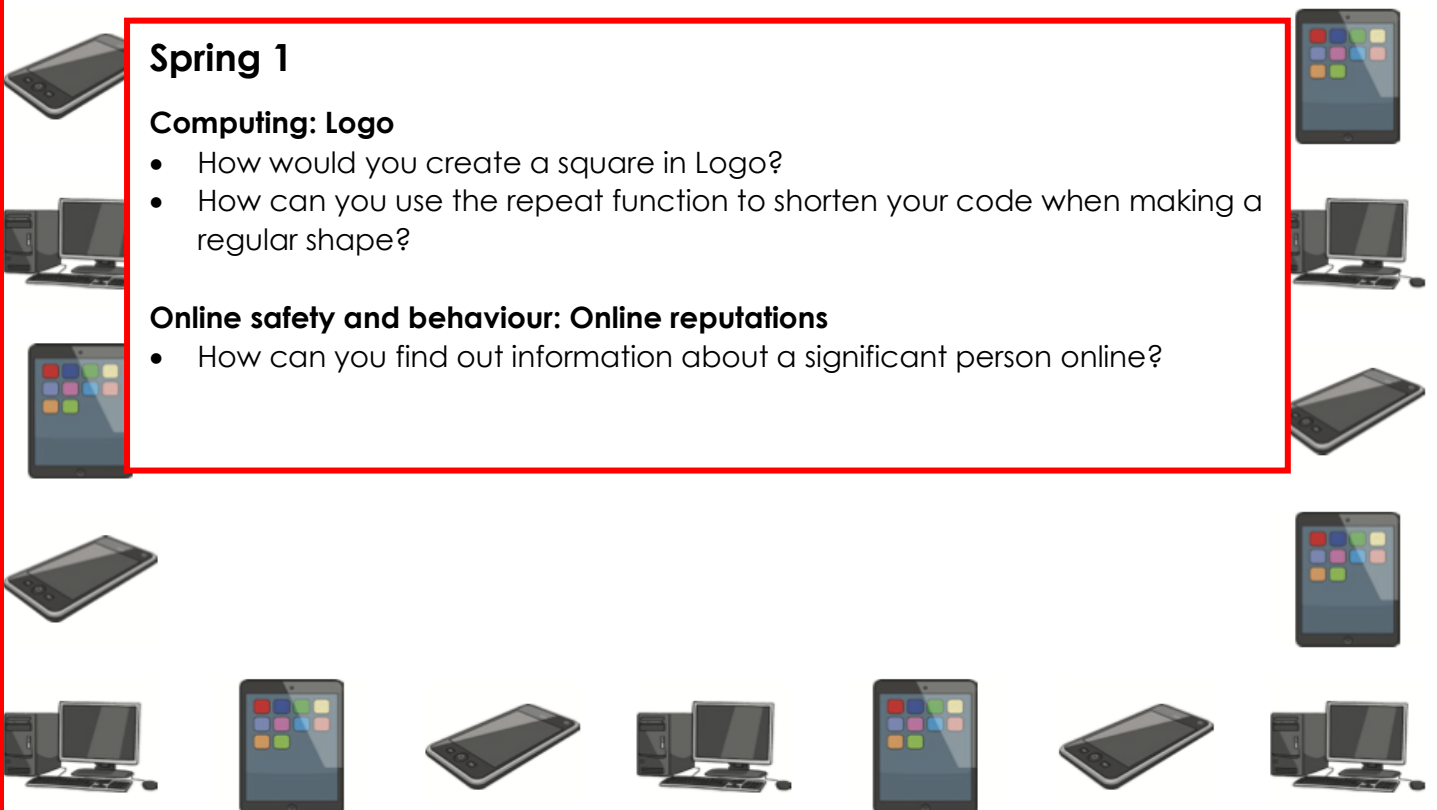
Spring 1

Computing: Logo

- How would you create a square in Logo?
- How can you use the repeat function to shorten your code when making a regular shape?

Online safety and behaviour: Online reputations

- How can you find out information about a significant person online?





Year 4



Computing Passport



Spring 2

Computing: 2Animate

- What is 'stop motion animation'?
- What is 'onion skinning'?

Online safety and behaviour: Privacy & security

- How can you keep personal information private?
- What is the digital age of consent?
- Who monitors what you put on the internet?

Summer 1

Computing: Making music

- What is tempo? How can you alter the tempo on Busy Beats?
- What effects can you use on Busy Beats to alter a piece of music you have created?

Online safety and behaviour: Copyright & ownership

- What types of online content must you have permission from the owner to use?

Summer 2

Computing: Spreadsheets

- Which tools would you use to create a timed times tables test in 2Calculate?
- How can you make a graph using 2Calculate?
- What do we mean by the word 'formula'?

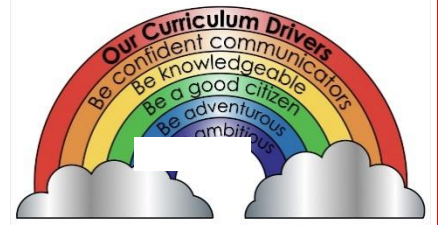
Online safety and behaviour: Health, well-being & lifestyle

- Give an example of when using technology can be a helpful distraction.
- When might someone need to limit the time they use technology?



Year 5

Computing Passport



Autumn 1

Computing: Word processing

- What is a word processing tool used for?
- What features can you use to make a document more readable?
- How do you successfully add an image to a document?

Online safety and behaviour: Privacy & security

- What are app permissions?

Autumn 2

Computing: Coding

- Tell me about a simulation you have created or used
- What does 'abstraction' mean and can you give me an example?

Online safety and behaviour: Health, well-being & lifestyle

- Why do some apps ask for additional payments?
- What should you do before making any payments?

Spring 1

Computing: Game creator

- What makes a good computer game?
- What are the different elements you can add to your game in 2DIY to make it unique?

Online safety and behaviour: Copyright & ownership

- When is it ok to use the work of others?



Year 5

Computing Passport



Spring 2

Computing: Databases

- What is a database?
- In what ways can I sort information in a database?

Online safety and behaviour:

Online relationships

Online bullying

- Which helpline services can you use if you or a friend experiences bullying online?

Summer 1

Online safety and behaviour:

Self-image & identity

Online reputations

- Why do we need to be careful about any online identities we create?
- Are online identities a fair way to judge people?

Summer 2

Computing: 3d modelling

- How can you see different views of an object in 2Design and Make?
- How is CAD software used in industry? Give some examples.
- How can the objects designed in 2Design and Make be turned into 3D objects?
- +Lego Wedo units

Online safety and behaviour: Managing online information

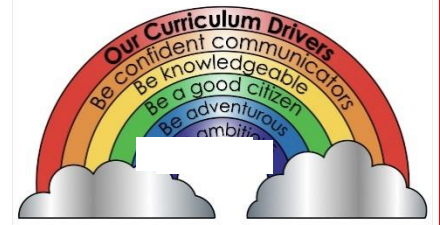
- What is meant by 'fake news'?
- Why should we be 'sceptical' about some of the things we read on the internet?



Year 6



Computing Passport



Autumn 1

Online safety and behaviour: Health, well-being & lifestyle

- What systems do we have to regulate age-related content?
- What strategies can you use to limit the impact of technology on your health?

Autumn 2

Computing: Networks

- Who is Tim BernersLee?
- What is the difference between a LAN and a WAN?

Online safety and behaviour:

Online relationships

Online bullying

- How can you capture bullying content as evidence?
- How can others share information you have shared with them privately?

Spring 1

Computing: Quizzing

- What factors do you need to consider when creating a quiz?
- What types of questions can be included in a quiz?
- Apart from the questions, what else does a quiz need to contain?

Online safety and behaviour:

Self-image & identity

Online reputations

- How can someone make sure they develop a positive online reputation?



Year 6



Computing Passport



Spring 2

Computing: Lego Wedo

- Lego Wedo units

Online safety and behaviour: Managing online information

- What is the difference between mis-information and dis-information?
- How can you report inappropriate content?

Summer 1

Computing: Coding - Scratch

- How do you create a background on Scratch?
- What is a sprite? How can you control its movements in Scratch?

Online safety and behaviour: Copyright & ownership

- How do you acknowledge that you have used sources from the internet in your own work?

Summer 2

Computing: Spreadsheets

- What is Microsoft Excel and what is it used for?
- How do you link three sheets across one document in Microsoft Excel?

Online safety and behaviour: Privacy & security

- What should you do if your password is lost or stolen?
- What strategies do people use to gain money or information illegally online?